



Water



Department Description

The City of San Diego has one of the largest and most complex water storage, treatment, and delivery systems in the world. Since the San Diego region is considered semi-arid and lacks water as a natural resource, 85-90 percent of the water used by residents is imported. One of the Water Department's primary responsibilities is to secure imported water supplies for the residents of San Diego while continuing to both manage demand through improved water conservation and to research alternative water supplies such as recycled water, groundwater, desalinated sea water, etc. In addition to supplying water, the Department also performs a variety of functions and provides a number of services including water system repair and maintenance.

The Department's mission is:

To provide safe, reliable water in an efficient, cost-effective, and environmentally-responsible manner

Goals and Objectives

The following goals and objectives represent the action plan for the Department.

Goal 1: Safe, reliable water

The Water Department is dedicated to its public health responsibilities of providing safe and reliable water. The Department strives to exceed all federal and State water quality standards, maintain and build needed infrastructure, and deliver water to customers efficiently and reliably. The Department will move toward accomplishing this goal by focusing on the following objectives.

- Maintain and improve infrastructure
- Exceed environmental and public health standards
- Ensure efficient treatment and delivery of water

Goal 2: Fiscally-sound, operationally efficient Water Department

The Water Department utilizes strategic financial planning to ensure financial viability to operate and maintain the water system. The Department provides a fiscally sound, efficient organization that is responsive and dependable. By doing so, the Water Department enhances its long-term viability, accountability, ethics, and transparency as cornerstones with which to build trust with customers. The Department will move toward accomplishing this goal by focusing on the following objectives.

- Build public trust through timely response and resolution to inquiries

Water

- Provide cost-effective, customer-focused service
- Utilize integrated information systems to support decision-making
- Control expenditures to minimize rate impacts

Goal 3: Sustainable growth and economic prosperity

The Water Department recognizes that water supplies are critical to preserving the quality of life, economic prosperity, and growth of the City. The Water Department identifies, evaluates, and plans short and long-term water demand and supply reliability options. The Department will move toward accomplishing this goal by focusing on the following objectives.

- Engage in regional initiatives with other water agencies which provide viable, environmentally-responsible and cost-effective alternative sources of water supply
- Provide high quality water demand and supply assessments in conjunction with local and regional development planning
- Complete comparative analysis of alternative water supply options available to the City as a retail agency

Goal 4: Responsive, safe, and innovative workforce

The Water Department is proud of its professional, technically-proficient, and diverse workforce. The Department is dedicated to ensuring its employees have the training and equipment necessary to provide safe, reliable water in a customer-friendly manner. The Department will continue to meet its goal of being a service-oriented and innovative utility through strategic workforce planning and by providing employees the knowledge, skills, and abilities necessary to perform their jobs safely. The Department will move toward accomplishing this goal by focusing on the following objectives.

- Ensure employees have the necessary training, knowledge, skills, and abilities
- Ensure employees have the necessary equipment to do their jobs
- Ensure that we have a safety-conscious workforce
- Recognize and when possible reward high performing employees
- Ensure adequate staffing to meet the operational needs of the Department

Service Efforts and Accomplishments

Water Operations Bid-to-Goal Program

The Water Operations Bid-to-Goal Program is currently in its fourth year of a five-year Bid-to-Goal contract. The result of the audited bid savings in Fiscal Year 2006 was \$9,859,982. The Fiscal Year 2007 estimated bid savings is \$11,429,504.

The Water Department was the first public water agency in the nation to combine a Bid-to-Goal management tool with the International Organization for Standardization (ISO) 14001 certification. In Fiscal Year 2007, the Water Operations Division maintained ISO 14001 certification as verified by an external surveillance audit.

The Water Quality Laboratory is now one of only a few labs in the country to identify the Quagga mussel (*Dreissena rostriformis bugensis*) at the larval stage. This mussel is a threat to the raw water distribution systems and the ability for early detection will not only provide excellent timeliness in identifications, but also prevent the cost of \$200 - \$300 per sample when testing is sent to outside labs.

In partnership with Sun Edison, the Department has created two large-scale solar energy projects at the Alvarado Water Treatment Plant. The energy generated from the system is sold to the City at a reduced cost. One of the projects provides over 60% of the energy needed to operate the Lake Murray Pump Station and the other provides over 80% of the energy needs of the Water Quality Laboratory. These projects have received three awards: an Outstanding Environmental Solution Award from the Association of Environmental Professionals; a San Diego Earthworks E.A.R.T.H. Award for 2007; and a Significant Achievement Solutions Award from the Public Technology Institute. Additional solar facilities are planned for Fiscal Year 2008 at the Rancho Bernardo Reservoir to serve the Rancho Bernardo Industrial Pump Station and for Fiscal Year 2009 at the Otay Treatment Plant.

The Customer Support Division in the Water Department responded to more than 455,000 phone calls and emails in the past year. These included inquiries regarding customer accounts, information about water conservation, and general questions to the Public Information Section. Also, through the efforts of the Water conservation staff, San Diego uses approximately the same amount of water it did 16 years ago, even with a 21 percent increase in population.

The Water Department recently celebrated the completion of an \$83 million upgrade and expansion of the Miramar Water Treatment Plant. This is the second of four projects which will ultimately increase the capacity and reliability at the treatment plant and allow the Water Department to meet or exceed new stricter federal and State drinking water standards.

Over 400 retail customers and three wholesale customers are now connected to the City's recycled water distribution systems. The beneficial reuse of recycled water exceeded 8,040 acre-feet (AF) in Fiscal Year 2007 (6,137.6 AF from the North City Water Reclamation Plant and 1,902.7 AF from South Bay). The Water Department qualified for over \$2.1 million in financial incentives from water wholesalers for recycled water sales.

The City Council approved the San Pasqual Groundwater Management Plan in November 2007. This plan will allow the City to qualify for State and federal funds to assist in the management of the groundwater basin and implementation of projects. The Water Resources section of the Water Department completed the Mount Hope and installed the Balboa Park groundwater monitoring wells. These wells will provide valuable information on the condition of the groundwater basin and water quality to be used for water resources planning.

The Water Department's Grant section is working to complete final State Proposition 50 grant agreements for the upgrade and expansion of three water treatment plants and department security projects. The projects would improve the water treatment process at each of the plants and provide additional security measures at City water facilities. There is an estimated \$58 million in potential grant awards the Department is working to secure in Fiscal Year 2008.

The Information Technology section of the Water Department completed three exciting projects. The Water Executive Team Data Warehouse Dashboards will provide the Executive Team with daily real-time information related to their area of responsibility in order to help them manage the Water Department more efficiently. A Water Fluoridation web page was also created and implemented to provide information for City of San Diego residents regarding fluoridation concentration levels in the water. Lastly, a new Electronic Bill Presentment and Payment (EBPP) system was developed for residents to pay water and sewer bills online.

The Training section of the Water Department received its five year International Association for Continuing Education and Training (IACET) Certification Renewal without any deficiencies. They also successfully completed the Weapons of Mass Destruction Training for all Water Department employees and successfully completed the seven year transition from a non-certified workforce to a California Department of Public Health-certified Distribution Operator workforce.

The Rate Analysis & Capital Improvement Program Monitoring section implemented a pass-thru rate increase effective January 1, 2008, as a result of increased cost of water purchased from the County Water Authority (CWA). The section has also worked closely with the Debt Management Department to issue short-term notes to borrow \$150 million to continue approved capital improvements programs.

Budget Dollars at Work: Performance Expectations

Goal 1: Safe, reliable water

Performance Measure	Baseline FY2007	Actual FY2008	Target FY2009
1. Number of Primary Maximum Contaminant Level (MCL) violations as a result of potable water quality sampling	0	0	0

Water

Performance Measure	Baseline FY2007	Actual FY2008	Target FY2009
2. Percent of service leaks investigated within two (2) working days	85.6%	86.2%	87%
3. Percent of service leaks repaired within seven (7) working days after referral	95.6%	97.4%	94% ¹
4. Percent of water main breaks and hydrant knock-overs responded to within one (1) hour	88.4%	80.8%	100%
5. Percent of City-side valve leaks repaired within five (5) working days after referral	95.5%	90.7%	93% ¹

Goal 2: Fiscally-sound, operationally-efficient Water Department

Performance Measure	Baseline FY2007	Actual FY2008	Target FY2009
1. Average number of days to respond to and resolve customer-initiated service investigations	13 days	10 days	13 days
2. Percent increase/decrease in the usage of Electronic Bill Presentment and Payment (EBPP)	13,400/month ²	4.9% increase	10.0% increase
3. Deviation between Operating and Maintenance (O&M) expenditures and those anticipated through the Rate Case	\$350,261,936 ³	\$14,839,619	0% or negative

Goal 3: Sustainable growth and economic prosperity

Performance Measure	Baseline FY2007	Actual FY2008	Target FY2009
1. Volume of raw water purchases reduced as a result of water conservation (in acre-feet per year)	9,504 AFY	10,314 AFY	10,000 AFY
2. Percent increase/decrease in the City-wide use of recycled water (in acre-feet per year)	6,760 AFY ⁴	7,328 AFY	6,960 AFY (3% increase)

Goal 4: Responsive, safe and innovative workforce

Performance Measure	Baseline FY2007	Actual FY2008	Target FY2009
1. Percent of equipment and facilities inventories completed	90%	N/A ⁵	100%

¹ Resources allocated to increase service levels of other performance measures and provide increased support to the Capital Improvement Program.

² This number represents the number of customers estimated to be using EBPP in Fiscal Year 2008. The goal is to increase this by 10% for Fiscal Year 2009.

³ This amount reflects Operating & Maintenance (O&M) expenditures planned for Fiscal Year 2009 developed through the Rate Case. An increase in expenditures is not expected for Fiscal Year 2009.

⁴ Fiscal Year 2007 actual recycled water used within the City of San Diego only. Recycled water deliveries to the City of Poway, Olivenhain Municipal Water District, and Otay Water District have been excluded. Fiscal Year 2009 Target is 3% of Fiscal Year 2007.

⁵ The City Auditor conducts inventory of all equipment and facilities and Water Department collects data. Last inventory conducted was in Fiscal Year 2003 and at this time, future inventory schedule has not been determined.

Budget Dollars at Work: Sizing and Workload Data

	Actual FY2005	Actual FY2006	Actual FY2007	Actual FY2008	Target FY2009
Sizing Data					
Population of City of San Diego	1,305,736	1,311,162	1,316,837	1,336,865	1,343,305
Square miles of land and water (City of San Diego)	404	404	404	404	404
Number of treatment plants	3	3	3	3	3
Number of pump stations	49	49	50	50	50
Number of reservoirs	9	9	9	9	9
Average daily City water consumption (million gallons)	198.50	204.74	221.80	204.00	192.20 ⁶
Total City water consumed including South Bay (million gallons)	72,453.38	74,729.67	73,963	74,430	63,858 ⁶
Total water deliveries (million gallons) ⁷	75,979.03	79,485.75	80,938.30	80,100.00	70,174.00 ⁷
Workload Data					
Miles of operated and maintained pipelines	3,318.98	3,335.50	3,381.20	3,263.00	3,338.00
Number of water meters operated	271,204	272,466	273,304	278,692	275,600
Number of fire hydrants operated and maintained	24,600	24,661	24,905	25,003	24,864
Customer service calls answered (beginning in FY2007, data include e-mail inquiries)	282,184	282,184	455,329	529,255	580,770
Millions of gallons of water (raw and filtered) delivered ⁸	70,983.71	79,485.75	74,842.00	71,451.20	64,300.00 ⁸
Managed acres of Water Department-owned rural lands for watershed and habitat values	N/A	N/A	40,100	41,100	40,100
Acres of burned watershed lands assessed and being remediated in cooperation with other agencies	N/A	N/A	16,681	209,200	Unknown ⁹
Number of preventive maintenance activities (PMs) to air valves, hydrants, blow-offs and valves (≥6") conducted ¹⁰	N/A	N/A	N/A	16,826	16,150
Number of preventive maintenance activities (PMs) on control and regulator valves completed	300	300	467	367	477

⁶ Projection for the Fiscal Year 2009 water volumetric and sales data reflects an anticipated 15% reduction due to conservation efforts.

⁷ Total Water Deliveries represents total water produced by the treatment plants and water delivered by the treated water connections of County Water Authority's (CWA) aqueduct. All of this water is delivered to the City's distribution system

⁸ Raw and filtered water delivered includes all water purchased from CWA. All delivered water combined with local water is used to produce total water deliveries.

⁹ This assessment only occurs following large wildfires which are not predictable. Thus, it is not possible to set numerical targets for future years.

¹⁰ Number of preventative maintenance activities (PM's) to air valves, hydrant, blow-offs, and in-line valves completed does not show activity in Fiscal Year 2005 through Fiscal Year 2007 as that information was not tracked until Fiscal Year 2008.

Department Summary

Water				
	FY 2007 BUDGET	FY 2008 BUDGET	FY 2009 FINAL	FY 2008-2009 CHANGE
Positions	914.06	850.90	778.50	(72.40)
Personnel Expense	\$ 74,197,208	\$ 75,996,588	\$ 67,682,756	\$ (8,313,832)
Non-Personnel Expense	\$ 285,157,722	\$ 429,957,941	\$ 466,210,159	\$ 36,252,218
TOTAL	\$ 359,354,930	\$ 505,954,529	\$ 533,892,915	\$ 27,938,386

Department Staffing

	FY 2007 BUDGET	FY 2008 BUDGET	FY 2009 FINAL
WATER DEPARTMENT FUND			
Water Department			
Business and Support Services	35.00	49.00	59.00
Capital Improvement Projects	45.00	21.00	0.00
CIP Corrosion Engineering	7.00	0.00	0.00
CIP Division Management	2.00	2.00	0.00
CIP Planning	12.00	13.00	0.00
CIP Program Management	0.00	9.00	29.00
CIP Water Review	13.00	10.00	0.00
Construction and Maintenance	155.00	203.00	184.00
Cust Support - Information Systems	19.00	0.00	0.00
Customer Services Office	57.00	53.00	52.00
Customer Support - Meter Services	76.00	70.00	68.00
Customer Support Division Administration	7.00	7.00	7.00
Department Management	3.00	3.00	2.50
Division Administration	2.00	2.00	15.00
Field Services & Investigations	47.00	47.00	45.00
Human Resources	33.50	27.00	14.00
Plant Operations	28.00	49.00	46.00
Public Information & Community Outreach	3.00	3.00	0.00
Raw Water Storage and Distribution	0.00	40.00	44.00
Recycled Water Program	17.00	15.00	11.00
Safety Program	6.00	6.00	7.00
Stormwater/Watershed	5.00	0.00	0.00
Trench Repair	24.56	23.90	0.00
Water Conservation Program	20.00	18.00	18.00
Water Laboratory	50.00	46.00	44.00
Water Legislation & Policy Analysis	1.00	3.00	2.00
Water Operations Administration	23.00	15.00	15.00

Water

Department Staffing

	FY 2007 BUDGET	FY 2008 BUDGET	FY 2009 FINAL
WATER DEPARTMENT FUND			
Water Department			
Water Operations/Lakes Recreation	56.00	13.00	13.00
Water Pol Div - Administration	3.00	0.00	0.00
Water Pol Div - Strat Planning	2.00	2.00	0.00
Water Reliability Program	8.00	9.00	7.00
Water Shed Mgmt - Division Mgt	0.00	1.00	0.00
Water System Engineering	49.00	29.00	29.00
Wtr Ops Div - System Operations	102.00	59.00	64.00
Wtrshed & Resource Protection	3.00	3.00	3.00
Total	914.06	850.90	778.50

Department Expenditures

	FY 2007 BUDGET	FY 2008 BUDGET	FY 2009 FINAL
WATER DEPARTMENT FUND			
Water Department			
Appropriated Reserve Transfer	\$ 1,320,000	\$ 5,822,200	\$ 5,822,200
Assurance Fund	\$ 3,900,000	\$ 4,500,000	\$ 4,500,000
Bond Debt Service and Loan Payments	\$ 39,084,361	\$ 58,888,385	\$ 63,553,164
Business and Support Services	\$ 8,252,371	\$ 12,001,672	\$ 14,389,526
Capital Improvement Projects	\$ 31,028,719	\$ 149,166,117	\$ 177,877,581
CIP Corrosion Engineering	\$ 1,181,757	\$ -	\$ -
CIP Division Management	\$ 3,618,211	\$ 3,086,554	\$ 771,156
CIP Planning	\$ 1,706,526	\$ 1,840,829	\$ -
CIP Program Management	\$ -	\$ 1,019,447	\$ 3,433,692
CIP Project Management South	\$ 75,388	\$ 75,388	\$ -
CIP Project Management WTP	\$ 114,102	\$ 114,102	\$ -
CIP Water Review	\$ 2,714,269	\$ 2,573,883	\$ -
Construction and Maintenance	\$ 19,317,768	\$ 24,058,512	\$ 28,123,631
Cust Support - Information Systems	\$ 7,446,404	\$ 5,892,264	\$ 4,060
Customer Services Office	\$ 8,801,695	\$ 7,027,426	\$ 6,574,651
Customer Support - Meter Services	\$ 9,579,143	\$ 8,989,757	\$ 8,829,799
Customer Support Division Administration	\$ 2,002,616	\$ 1,901,209	\$ 1,927,573
CWA Water	\$ -	\$ -	\$ 125,218,503
Department Management	\$ 659,576	\$ 658,121	\$ 408,679
Division Administration	\$ 592,113	\$ 549,705	\$ 4,989,517
Field Services & Investigations	\$ 3,456,591	\$ 3,830,856	\$ 4,039,828
General Government Services	\$ 3,414,000	\$ 4,755,513	\$ 6,083,917
Human Resources	\$ 3,461,371	\$ 2,928,655	\$ 1,153,694
Operating Reserve	\$ 18,338,225	\$ 19,936,102	\$ 19,936,102

Department Expenditures

	FY 2007 BUDGET	FY 2008 BUDGET	FY 2009 FINAL
WATER DEPARTMENT FUND			
Water Department			
Plant Operations	\$ 7,045,349	\$ 10,691,617	\$ 9,179,136
Project Management - North	\$ 32,798	\$ 32,798	\$ -
Public Information & Community Outreach	\$ 409,738	\$ 388,047	\$ -
Raw Water Storage and Distribution	\$ -	\$ 3,890,751	\$ 4,367,543
Recycled Water Program	\$ 1,910,283	\$ 1,796,790	\$ 1,290,973
Safety Program	\$ 2,254,356	\$ 2,264,239	\$ 2,295,763
Special Projects	\$ 10,172	\$ 10,172	\$ -
Stormwater/Watershed	\$ 976,491	\$ 62,864	\$ -
Trench Repair	\$ 2,719,137	\$ 4,941,072	\$ -
Water Conservation Program	\$ 3,510,870	\$ 2,778,543	\$ 2,323,216
Water Department	\$ (3,577,813)	\$ 441,837	\$ (2,476,600)
Water Laboratory	\$ 5,996,260	\$ 5,747,552	\$ 5,111,686
Water Legislation & Policy Analysis	\$ 113,028	\$ 257,316	\$ 284,282
Water Operations Administration	\$ 19,853,659	\$ 17,564,258	\$ 19,090,830
Water Operations/Lakes Recreation	\$ 7,382,534	\$ 1,738,622	\$ 1,698,599
Water Pol Div - Administration	\$ 1,613,127	\$ 1,047,132	\$ -
Water Pol Div - Strat Planning	\$ 211,874	\$ 255,694	\$ -
Water Purchases	\$ 119,298,000	\$ -	\$ -
Water Purchases New Division	\$ -	\$ 120,025,426	\$ -
Water Reliability Program	\$ 2,258,388	\$ 1,761,975	\$ 1,966,383
Water Shed Mgmt - Division Mgt	\$ -	\$ 226,275	\$ -
Water System Engineering	\$ 5,403,957	\$ 2,957,517	\$ 3,112,782
Wtr Ops Div - System Operations	\$ 11,561,365	\$ 7,137,498	\$ 7,509,625
Wtrshd & Resource Protection	\$ 306,151	\$ 319,837	\$ 501,425
Total	\$ 359,354,930	\$ 505,954,529	\$ 533,892,915

Significant Budget Adjustments

WATER DEPARTMENT FUND

Water Department	Positions	Cost	Revenue
Salary and Benefit Adjustments	0.00	\$ 1,695,500	\$ 0
Adjustments to reflect the annualization of the Fiscal Year 2008 negotiated salary compensation schedule, changes to average salaries, retirement contributions, retiree health contributions, and other benefit compensation.			

Water

Significant Budget Adjustments

WATER DEPARTMENT FUND

Water Department	Positions	Cost	Revenue
Capital Improvement Program (CIP) Additions Adjustment to reflect increases to the CIP program for potable and reclaimed water projects.	0.00 \$	18,093,826 \$	0
Scheduling Change in Capital Improvement Program Increase in revenue earnings from proceeds from bonds and notes due to the increase in reimbursable Capital Improvement Program expenditures for Fiscal Year 2009.	0.00 \$	14,200,000 \$	11,360,000
Non-Discretionary Adjustments to expense allocations that are determined outside of the Department's direct control. These adjustments are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent.	0.00 \$	6,935,372 \$	0
Water Purchase Increase Increase in water purchases based on Fiscal Year 2009 projected expenses.	0.00 \$	5,193,077 \$	0
Addition of Service Level Agreement (SLA) Addition of non-personnel expense to support the SLA with General Services Department for the Trench Restoration Program.	0.00 \$	2,837,060 \$	0
Fee Reinstatement Reinstatement of previously budgeted funds to provide for fees imposed by various regulatory agencies.	0.00 \$	346,000 \$	0
Urban Water Management Plan Increase in non-personnel expenses to provide for a comprehensive Urban Water Management Plan required by the State of California Department of Water Resources.	0.00 \$	200,000 \$	0
Revised Revenue Adjustment to reflect Fiscal Year 2009 revenue projections.	0.00 \$	0 \$	36,875,554
Removal of the Funding for the Enterprise Resources Planning (ERP) System Removal of the City's ERP system allocation established in the Fiscal Year 2008 Annual Budget and Fiscal Year 2009 Proposed Budget due to the utilization of alternative funding.	0.00 \$	(92,625) \$	0
Engineering & Capital Projects Business Process Reengineering (BPR) Adjustments to reflect the budgetary implementation of the Engineering & Capital Projects BPR, including the consolidation of all engineering and capital project functions into the Engineering & Capital Projects Department.	(25.00) \$	(308,395) \$	0

Significant Budget Adjustments

WATER DEPARTMENT FUND

Water Department	Positions	Cost	Revenue
Support for Information Technology	0.00	\$ (384,895)	\$ 0
Funding allocated according to a zero-based annual review of information technology funding requirements and priority analyses.			
Street Trench Restoration Transfer	(23.90)	\$ (1,770,812)	\$ 0
Transfer of 23.90 positions to General Services - Street Division to perform work via a Service Level Agreement for the Trench Restoration Program.			
Vacancy Savings	0.00	\$ (2,476,600)	\$ 0
Adjustments to personnel expenses to reflect the anticipated savings resulting from positions projected to be vacant for any period of the fiscal year due to personnel transition and salary differentials for new employees.			
Personnel Reductions	(23.50)	\$ (3,005,770)	\$ 0
Reduction of positions and temporary help to appropriately align departmental expenditures with anticipated revenues.			
Departmental Reduction Plan	0.00	\$ (13,523,352)	\$ 0
Reduction of non-personnel expense to appropriately align departmental expenditures with anticipated revenues.			

Expenditures by Category

	FY 2007 BUDGET	FY 2008 BUDGET	FY 2009 FINAL
PERSONNEL			
Salaries & Wages	\$ 50,372,788	\$ 50,268,860	\$ 44,576,486
Fringe Benefits	\$ 23,824,420	\$ 25,727,728	\$ 23,106,270
SUBTOTAL PERSONNEL	\$ 74,197,208	\$ 75,996,588	\$ 67,682,756
NON-PERSONNEL			
Supplies & Services	\$ 263,788,792	\$ 411,020,929	\$ 446,302,254
Information Technology	\$ 11,877,849	\$ 9,725,265	\$ 8,619,440
Energy/Utilities	\$ 8,321,888	\$ 8,287,554	\$ 10,431,508
Equipment Outlay	\$ 1,169,193	\$ 924,193	\$ 856,957
SUBTOTAL NON-PERSONNEL	\$ 285,157,722	\$ 429,957,941	\$ 466,210,159
TOTAL	\$ 359,354,930	\$ 505,954,529	\$ 533,892,915

Water

Salary Schedule

WATER DEPARTMENT FUND

Water Department

<i>Class</i>	<i>Position Title</i>	<i>FY 2008 Positions</i>	<i>FY 2009 Positions</i>		<i>Salary</i>	<i>Total</i>
1013	Water Systems Technician III	209.00	195.00	\$	47,934	\$ 9,347,207
1014	Water Systems Technician IV	62.00	61.00	\$	55,484	\$ 3,384,510
1015	Water Systems Technician Supervisor	21.00	21.00	\$	65,016	\$ 1,365,336
1016	Water Systems District Manager	5.00	4.00	\$	73,844	\$ 295,375
1104	Account Clerk	6.00	6.00	\$	37,878	\$ 227,268
1106	Sr Management Analyst	8.00	7.00	\$	71,273	\$ 498,911
1107	Administrative Aide II	10.00	10.00	\$	50,492	\$ 504,919
1136	Asst Chemist	15.00	14.00	\$	65,162	\$ 912,264
1153	Asst Engineer-Civil	37.00	28.00	\$	69,521	\$ 1,946,598
1193	Asst Reservoir Keeper	8.00	8.00	\$	41,339	\$ 330,712
1218	Assoc Management Analyst	24.00	24.00	\$	64,335	\$ 1,544,039
1220	Assoc Chemist	4.00	4.00	\$	74,707	\$ 298,826
1221	Assoc Engineer-Civil	32.00	25.00	\$	80,375	\$ 2,009,375
1227	Assoc Planner	2.00	1.00	\$	66,313	\$ 66,313
1230	Multimedia Production Specialist	1.00	1.00	\$	51,768	\$ 51,768
1235	Multimedia Production Coordinator	1.00	0.00	\$	-	\$ -
1237	Payroll Specialist I	1.00	1.00	\$	39,515	\$ 39,515
1238	Payroll Supv	1.00	1.00	\$	47,683	\$ 47,683
1243	Info Systems Administrator	1.00	1.00	\$	89,277	\$ 89,277
1275	Building Services Supv	1.00	1.00	\$	55,481	\$ 55,481
1288	Carpenter	2.00	2.00	\$	52,003	\$ 104,006
1293	Cement Finisher	3.00	1.00	\$	50,638	\$ 50,638
1330	Cashier	5.00	5.00	\$	37,620	\$ 188,098
1348	Info Systems Analyst II	6.00	8.00	\$	64,077	\$ 512,615
1349	Info Systems Analyst III	3.00	3.00	\$	71,601	\$ 214,803
1356	Code Compliance Officer	4.00	3.00	\$	44,492	\$ 133,477
1357	Code Compliance Supv	1.00	1.00	\$	51,007	\$ 51,007
1369	Water Distribution Operator	6.00	6.00	\$	56,870	\$ 341,222
1370	Water Distribution Operations Supv	1.00	1.00	\$	64,212	\$ 64,212
1393	Customer Services Supv	4.00	4.00	\$	65,867	\$ 263,467
1394	Customer Services Representative	34.00	34.00	\$	38,488	\$ 1,308,577
1398	Ranger/Diver I	3.00	3.00	\$	50,114	\$ 150,341
1399	Ranger/Diver II	2.00	2.00	\$	56,545	\$ 113,090
1401	Info Systems Technician	3.00	1.00	\$	50,993	\$ 50,993
1423	Sr Drafting Aide	7.00	7.00	\$	53,712	\$ 375,984
1436	Equipment Technician I	1.00	0.00	\$	-	\$ -
1437	Equipment Mechanic	1.00	1.00	\$	52,942	\$ 52,942
1440	Equipment Operator II	17.67	14.00	\$	49,096	\$ 687,348
1443	Electronics Technician	1.00	1.00	\$	56,718	\$ 56,718
1445	Equipment Operator III	2.00	1.00	\$	51,834	\$ 51,834
1465	Field Representative	15.00	15.00	\$	38,916	\$ 583,740

Salary Schedule

WATER DEPARTMENT FUND

Water Department

<i>Class</i>	<i>Position Title</i>	<i>FY 2008 Positions</i>	<i>FY 2009 Positions</i>		<i>Salary</i>	<i>Total</i>
1508	Irrigation Specialist	3.00	3.00	\$	44,632	\$ 133,897
1512	Heavy Truck Driver II	6.00	2.00	\$	45,070	\$ 90,139
1513	Heavy Truck Driver I	1.00	0.00	\$	-	-
1520	Hydrography Aide	1.00	1.00	\$	51,422	\$ 51,422
1523	Instrumentation & Control Tech	7.00	7.00	\$	61,866	\$ 433,062
1535	Clerical Assistant II	9.00	8.00	\$	35,402	\$ 283,215
1556	Recycling Program Manager	1.00	1.00	\$	92,893	\$ 92,893
1560	Lake Aide II	14.00	14.00	\$	32,360	\$ 453,039
1575	Data Entry Operator	1.00	1.00	\$	38,318	\$ 38,318
1580	Laboratory Technician	10.00	10.00	\$	48,023	\$ 480,225
1599	Lakes Program Manager	1.00	1.00	\$	88,551	\$ 88,551
1612	Org Effectiveness Specialist III	1.00	1.00	\$	71,648	\$ 71,648
1614	Org Effectiveness Specialist II	3.00	3.00	\$	64,734	\$ 194,203
1615	Org Effectiveness Supv	1.00	1.00	\$	80,404	\$ 80,404
1620	Meter Reader	17.00	17.00	\$	34,543	\$ 587,224
1622	Biologist III	3.00	3.00	\$	74,563	\$ 223,690
1624	Biologist II	8.00	8.00	\$	65,227	\$ 521,816
1648	Payroll Specialist II	6.00	6.00	\$	41,507	\$ 249,040
1666	Plant Process Control Electrician	5.00	5.00	\$	62,300	\$ 311,500
1668	Plant Process Control Supv	1.00	1.00	\$	68,081	\$ 68,081
1725	Principal Drafting Aide	4.00	4.00	\$	60,756	\$ 243,023
1727	Principal Engineering Aide	13.00	11.00	\$	60,401	\$ 664,412
1746	Word Processing Operator	24.00	21.00	\$	37,689	\$ 791,469
1751	Project Officer I	1.00	1.00	\$	79,940	\$ 79,940
1752	Project Officer II	1.00	1.00	\$	92,598	\$ 92,598
1776	Public Information Clerk	4.00	4.00	\$	37,688	\$ 150,751
1777	Public Info Officer	2.00	1.00	\$	52,516	\$ 52,516
1798	Golf Course Manager	1.00	1.00	\$	71,502	\$ 71,502
1804	Sr Biologist	1.00	1.00	\$	86,123	\$ 86,123
1816	Claims & Insurance Manager	2.00	2.00	\$	85,907	\$ 171,814
1817	Reservoir Keeper	8.00	8.00	\$	47,715	\$ 381,716
1823	Safety Officer	1.00	1.00	\$	70,176	\$ 70,176
1826	Safety Representative II	3.00	3.00	\$	60,959	\$ 182,876
1844	Sr Account Clerk	1.00	1.00	\$	43,002	\$ 43,002
1854	Sr Chemist	1.00	1.00	\$	85,030	\$ 85,030
1855	Sr Civil Engineer	8.00	6.00	\$	92,566	\$ 555,396
1860	Sr Customer Services Rep	7.00	6.00	\$	45,751	\$ 274,505
1861	Sr Engineering Aide	13.00	13.00	\$	53,281	\$ 692,648
1870	Senior Water Utility Supv	1.00	1.00	\$	55,953	\$ 55,953
1872	Sr Planner	2.00	2.00	\$	78,544	\$ 157,088
1876	Executive Secretary	1.00	1.00	\$	52,009	\$ 52,009

Water

Salary Schedule

WATER DEPARTMENT FUND

Water Department

<i>Class</i>	<i>Position Title</i>	<i>FY 2008 Positions</i>	<i>FY 2009 Positions</i>	<i>Salary</i>		<i>Total</i>
1879	Sr Clerk/Typist	2.00	2.00	\$	43,313	\$ 86,626
1884	Water Production Superintendent	2.00	2.00	\$	98,556	\$ 197,112
1899	Stock Clerk	1.00	1.00	\$	36,017	\$ 36,017
1902	Storekeeper I	1.00	1.00	\$	41,330	\$ 41,330
1917	Supv Management Analyst	6.00	6.00	\$	80,127	\$ 480,762
1921	Supv Field Representative	3.00	2.00	\$	43,043	\$ 86,086
1923	Supv Economist	1.00	1.00	\$	78,079	\$ 78,079
1925	Supv Meter Reader	2.00	2.00	\$	44,275	\$ 88,549
1926	Info Systems Analyst IV	2.00	2.00	\$	79,816	\$ 159,632
1940	Supv Public Info Officer	3.00	3.00	\$	71,999	\$ 215,997
1961	Public Works Supv	1.67	0.00	\$	-	\$ -
1971	Training Supv	1.00	1.00	\$	68,521	\$ 68,521
1972	Safety & Training Manager	2.00	2.00	\$	79,948	\$ 159,896
1977	Public Works Superintendent	0.56	0.00	\$	-	\$ -
1978	Utility Worker I	6.33	0.00	\$	-	\$ -
1979	Utility Worker II	3.67	0.00	\$	-	\$ -
1985	Welder	3.00	3.00	\$	53,159	\$ 159,476
1986	Water Operations Supv	3.00	3.00	\$	79,620	\$ 238,860
1987	Sr Water Operations Supv	4.00	3.00	\$	93,517	\$ 280,551
1988	Water Plant Operator	22.00	24.00	\$	69,373	\$ 1,664,962
2181	Asst Department Director	1.00	1.00	\$	140,001	\$ 140,001
2194	Water Department Director	1.00	0.50	\$	175,000	\$ 87,500
2214	Deputy Director	5.00	4.00	\$	119,758	\$ 479,032
2250	Asst Deputy Director	1.00	1.00	\$	108,123	\$ 108,123
2270	Program Manager	4.00	5.00	\$	108,164	\$ 540,820
	Vacancy Factor Adjustment	0.00	0.00	\$	-	\$ (2,158,766)
	Bilingual - Regular	0.00	0.00	\$	-	\$ 9,034
	Confined Space Pay	0.00	0.00	\$	-	\$ 212,287
	Emergency Medical Tech	0.00	0.00	\$	-	\$ 27,438
	Ex Perf Pay-Classified	0.00	0.00	\$	-	\$ 52,418
	Ex Perf Pay-Unclassified	0.00	0.00	\$	-	\$ 3,168
	Overtime Budgeted	0.00	0.00	\$	-	\$ 1,976,542
	Reg Pay For Engineers	0.00	0.00	\$	-	\$ 417,149
	Standby Pay	0.00	0.00	\$	-	\$ 92,446
	Tech Cert Pay	0.00	0.00	\$	-	\$ 3,704
	Temporary Help	0.00	0.00	\$	-	\$ 765,731
	Total	850.90	778.50			\$ 44,576,486
WATER TOTAL		850.90	778.50			\$ 44,576,486

Revenue and Expense Statement (Non-General Fund)

WATER DEPARTMENT FUND 41500

	FY 2007* BUDGET	FY 2008* BUDGET	FY 2009 FINAL
BEGINNING BALANCE AND RESERVE			
Balance from Prior Year	\$ 18,989,387	\$ 17,175,474	\$ 40,689,986
Prior Year Continuing Appropriations	\$ -	\$ 37,075,453	\$ 84,809,460
Prior Year Encumbrances Cancelled	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
Reserve Balance	\$ 41,721,321	\$ 99,372,027	\$ 91,089,003
TOTAL BALANCE	\$ 62,710,708	\$ 155,622,954	\$ 218,588,449
REVENUE			
Capacity Charges	\$ 12,457,000	\$ 11,244,286	\$ 11,465,528
Contributions in Aid	\$ 75,000	\$ 75,000	\$ 75,000
Damages Recovered	\$ 290,200	\$ 290,200	\$ 264,596
Financing Proceeds	\$ 37,307,762	\$ 117,753,345	\$ 165,193,489
Grant Receipts	\$ 4,110,000	\$ 3,385,000	\$ 8,000,000
Interest Earnings	\$ 3,032,000	\$ 4,132,000	\$ 4,132,000
Lakes Recreation	\$ 1,839,800	\$ 1,841,845	\$ 2,500,000
Land and Building Rentals	\$ 4,252,382	\$ 5,144,436	\$ 5,818,210
New Water Services	\$ 2,402,400	\$ 2,402,400	\$ 2,115,497
Other Revenue	\$ 379,883	\$ 380,047	\$ 806,870
Reclaimed Water	\$ 4,012,261	\$ 5,628,593	\$ 7,876,063
Reimbursement from Capital Outlay Fund	\$ 100,000	\$ 100,000	\$ 600,000
Sale of Discarded Materials	\$ 14,000	\$ 14,000	\$ -
Sale of Water	(1) \$ 277,875,129	\$ 297,677,782	\$ 292,330,535
Service Charges	\$ 1,375,000	\$ 1,375,000	\$ 1,227,488
Service Rendered to Others	\$ 10,302,589	\$ 10,730,528	\$ 8,004,740
TOTAL REVENUE	\$ 359,825,406	\$ 462,174,462	\$ 510,410,016
TOTAL BALANCE AND REVENUE	\$ 422,536,114	\$ 617,797,416	\$ 728,998,465
CAPITAL IMPROVEMENTS PROGRAM (CIP)			
CIP Expenditures/Budget	\$ 31,052,107	\$ 145,575,252	\$ 177,869,077
TOTAL CIP EXPENSE	\$ 31,052,107	\$ 145,575,252	\$ 177,869,077
OPERATING EXPENSE			
Assurance Fund	\$ 3,900,000	\$ 4,500,000	\$ 4,500,000
Debt Service	\$ 37,708,439	\$ 57,512,463	\$ 63,440,664
Department Expenditures/Encumbrances	\$ 142,948,237	\$ 146,451,651	\$ 131,684,529
State Revolving Fund Loan Expense	\$ 1,375,922	\$ 1,375,922	\$ 1,375,922
Transfers to Other Funds	\$ 3,414,000	\$ 4,755,513	\$ 6,083,917
Unallocated Reserve	\$ 1,320,000	\$ 5,822,200	\$ 5,822,200
Water Purchases (Commodity)	\$ 90,936,000	\$ 81,617,290	\$ 110,527,369
Water Purchases (Fixed Charges)	\$ 28,362,000	\$ 38,408,136	\$ 12,653,135
TOTAL OPERATING EXPENSE	\$ 309,964,598	\$ 340,443,175	\$ 336,087,736
TOTAL EXPENSE	\$ 341,016,705	\$ 486,018,427	\$ 513,956,813

Water

Revenue and Expense Statement (Non-General Fund)

WATER DEPARTMENT FUND 41500

	FY 2007* BUDGET	FY 2008* BUDGET	FY 2009 FINAL
RESERVE			
Capital Reserve	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
Expenditures of Prior Year Enc. & Cont. Approp.	\$ -	\$ 37,075,453	\$ 144,795,315
Operating Reserve	\$ 18,338,225	\$ 19,936,102	\$ 19,936,102
Phase Funded	\$ 22,244,696	\$ -	\$ -
Rate Stabilization Fund	\$ 10,500,000	\$ 20,500,000	\$ 20,500,000
Reserve for State Revolving Fund Loan	\$ -	\$ 1,375,922	\$ 1,375,922
Secondary Purchase Reserve	\$ 7,157,880	\$ 7,201,526	\$ 7,390,830
TOTAL RESERVE	\$ 63,240,801	\$ 91,089,003	\$ 198,998,169
TOTAL RESERVE	\$ 63,240,801	\$ 91,089,003	\$ 198,998,169
BALANCE	\$ 18,278,608	\$ 40,689,986	\$ 16,043,483
TOTAL EXPENSE, RESERVE AND BALANCE	\$ 422,536,114	\$ 617,797,416	\$ 728,998,465

* At the time of publication audited financial statements for Fiscal Year 2007 were not available. Therefore, the Fiscal Years 2007 and 2008 columns reflect final budget amounts from the Fiscal Year 2007 and 2008 Annual Budgets. As such, balances and reserves do not reflect carryover from the previous fiscal year.

(1) Sale of water reflects change from cash to accrual accounting.